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From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V93 #70
To: Ham-Ant

Ham-Ant Digest Thu, 7 Oct 93 Volume 93 : Issue 70

Today's Topics:

Hy-Gain HF Vertical Manual Needed
RF Guidance System ???

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 05 Oct 1993 15:41:11 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: Hy-Gain HF Vertical Manual Needed
To: ham-ant@ucsd.edu

I just purchased a used Hy-Gain multi-band HF vertical antenna from my
neighbor. He did not have any instructions for it. I am in desperate need
for the proper parameters for ground radials, how to tune for resonance in
the different bands, and in its general care and keeping as well as its
specifications.

My neighbor purchased it new, and has had it in his basement for a number
of years, which has preserved its condition. He did not have any
nomenclature on it, but said that it was a five band HF antenna. Three
parts of the antenna (traps) have the following nomenclature:

10M ASSY 870138
15M ASSY 870135
20M ASSY 870169

The upper section of the antenna has a cap about six feet from the end with

four short rigid radials about 18 inches long. My neighbor furnished eight ground radial guy wires with four of them the same length, two of them longer, and the last pair much longer. Each wire appears to be 1/4 wavelength long for 10, 15, and 20 meter bands. The antenna itself was delivered to me in three sections, each about eight feet long.

One fellow suggested that it may be a 14ABQ from my description of it. Would appreciate (and pay expenses for) a copy of the manual which accompanies it.

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Opinions, thoughts, &cetera are my own and not representative of Evans & Sutherland.

"He flies the sky
Like an Eagle in the eye
of a hurricane that's abandoned."

KB7MSF
Amateur Radio
"Sandman"

America

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Date: Wed, 6 Oct 1993 00:25:21 GMT
From: nevada.edu!ilikecpu@uunet.uu.net
Subject: RF Guidance System ???
To: ham-ant@ucsd.edu

Hello Everyone,

I'm trying to design an antenna system to mount on a high power model rocket and wish to put a guidance system in it to avoid RF reflecting objects. The transmitter antenna will be in the nose cone and then have four dipoles running down the inside of the rocket tube. Shouldn't there be a phase difference in the receiving antennas as long as the reflecting object isn't directly in front of the rocket? i.e. if the object is a little to the left then the antenna on that side will receive the signal first. I'd appreciate it if anyone would give me some feedback on this.

Barrie
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End of Ham-Ant Digest V93 #70
